



## Bachelor of Science in Biology Concentration in General Biology Degree Program Checklist

Student: \_\_\_\_\_ ID#: \_\_\_\_\_ Advisor: \_\_\_\_\_

<u>Class</u>	<u>Hours</u>	<u>Grade</u>	<u>Semester</u>
<b>General Education (43 Hours):</b>			
CO 105 Introduction to Public Speaking	3	_____	_____
EN 101 Composition	3	_____	_____
EN 102 Composition and Literature	3	_____	_____
ES 100 Physical Well Being	2	_____	_____
*Choose 1: HI 201 American History I			
HI 202 American History II	3	_____	_____
PH 210 Introduction to Logic	3	_____	_____
PO 101 American National Government	3	_____	_____
*Choose 1: PY 210 General Psychology			
PY 220 Human Growth & Development	3	_____	_____
TM 100 Pathfinders	1	_____	_____
*Choose 1: AR 105 Art Appreciation & Criticism			
EN 201 or EN 202 English Literature Survey I or II			
EN 221 or EN 222 World Masterpieces Survey I or II			
EN 231 or EN 232 American Literature Survey I or II			
FA 110 Art, Literature, & Music Appreciation & Worldview			
MU 105 Music Appreciation			
TH 101 Theatre Appreciation	3	_____	_____
<b>Great Commission Studies:</b>			
BI 101 Concepts in Biology	4	_____	_____
CS 101 Bible Survey	3	_____	_____
*Choose 1: CS 120 Theological Survey			
CS 322 Christian Theology I			
CS 323 Christian Theology II	3	_____	_____
CS 230 History of the Free Church	3	_____	_____
MI 201 Great Commission Living	3	_____	_____
*Major required courses may not also be counted as General Education.			

### Degree Requirement:

This degree requires a grade of C- or higher in all math and science courses.

### Application for Major Requirement:

- Students should submit an "Application for Major" to the School of STEM prior to registering for junior year classes.
- School acceptance of the "Application for Major" is a graduation requirement.

**Class****Hours****Grade****Semester****Support Courses (35 Hours):****Mathematics Core (11 hours)**

MA 200 Statistics

3

MA 220 Calculus w/ Analytic Geometry

4

MA 221 Integral Calculus

4

**Physical Science Core (24 hours)**

CH 121 General Chemistry I

4

CH 122 General Chemistry II

4

CH 240 Basic Organic Chemistry I

4

CH 241 Basic Organic Chemistry II

4

PX 101 Introductory Physics I

4

PX 102 Introductory Physics II

4

**Biological Sciences Core (16 hours)**

BI 107 Principles of Biology I

4

BI 108 Principles of Biology II

4

BI 212 Anatomy and Physiology I

4

BI 213 Anatomy and Physiology II

4

**Biological Sciences Concentration (at least 39 hours)\***

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**\*\*Choose 1: BI 302 Ecology**

BI 430 Stream Ecology

BI 435 Forest Ecology

4

**\*\*Choose 1: BI 300 Cell Biology**

BI/CH 340 Biochemistry

3

NS 321 Origins

3

NS 498 History, Philosophy, Ethics of Science

3

BI 497 Biology Capstone Research

2

BI 498 Biology Capstone Presentation

1

**TOTAL HOURS 133**

\*Eligible Concentration Courses are 300/400 level courses

\*\*Choose between listed courses